

Rabbit anti-Human ANAPC5 Polyclonal Antibody | anti-ANAPC5 antibody

ANAPC5 Antibody (Center)

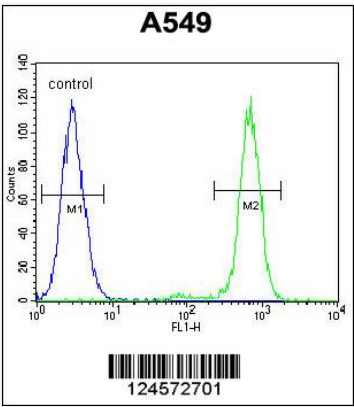
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284157	Rabbit	Human	Western Blot, ELISA, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

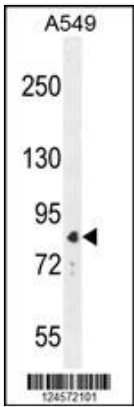
ANAPC5; Polyclonal Antibody; ANAPC5 Antibody (Center); Anaphase-promoting complex subunit 5; APC5; Cyclosome subunit 5; anti-ANAPC5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ANAPC5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 156-185 amino acids from the Central region of human ANAPC5.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	156-185
Sequence Length	643
Applicable Applications for anti-ANAPC5 antibody	WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
ANAPC5 Antibody (Center) flow cytometric analysis of A549 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
ANAPC5 Antibody (Center) western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the ANAPC5 antibody detected the ANAPC5 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ANAPC5 antibody	This gene encodes a tetratricopeptide repeat-containing component of the anaphase promoting complex/cyclosome (APC/C), a large E3 ubiquitin ligase that controls cell cycle progression by targeting a number of cell cycle regulators such as B-type cyclins for 26S proteasome-mediated degradation through ubiquitination. The encoded protein is required for the proper ubiquitination function of APC/C and for the interaction of APC/C with transcription coactivators. It also interacts with polyA binding protein and represses internal ribosome entry site-mediated translation. Multiple transcript variants encoding different isoforms have been found for this gene. These differences cause translation initiation at a downstream AUG and result in a shorter protein (isoform b), compared to isoform a.
Product Categories/Family for anti-ANAPC5 antibody	Cell Biology
References	Wasch, R., et al. Oncogene 29(1):1-10(2010) Jin, L., et al. Cell 133(4):653-665(2008) Liu, J., et al. Cancer Biol. Ther. 5(7):760-762(2006) Dube, P., et al. Mol. Cell 20(6):867-879(2005) Turnell, A.S., et al. Nature 438(7068):690-695(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	213385323
NCBI GeneID	51433
NCBI Accession #	NP_001131031.1; NP_057321.2
NCBI GenBank Nucleotide #	NM_001137559.1
UniProt Accession #	Q9UJX4; Q8N4H7; Q9BQD4; E9PFB2
Molecular Weight	85077
NCBI Official Full Name	anaphase-promoting complex subunit 5 isoform b
NCBI Official Synonym Full Names	anaphase promoting complex subunit 5
NCBI Official Symbol	ANAPC5

NCBI Official Synonym Symbols	APC5
NCBI Protein Information	anaphase-promoting complex subunit 5
UniProt Protein Name	Anaphase-promoting complex subunit 5
UniProt Gene Name	ANAPC5
UniProt Synonym Gene Names	APC5; APC5
UniProt Entry Name	APC5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/anapc5-antibody-western-blot-flow-cytometry-elisa/284157>